

**Amendments to the Abstract:**

Please amend the Abstract as follows:

Process for combustion and vitrification of waste in which at least one oxygen plasma jet is associated with a continuous melting device by high frequency direct induction (4). The crucible is composed of a continuous external shell (1) and a sole plate (2), both cooled by a liquid circulating in internal channels. The inductor is placed below the sole plate. There is a gravity drain valve at the bottom or on the side.